

### SITE INFORMATION

<b>Site Identifier :</b>	MO1RB4	<b>Landowner Type :</b>	Private
<b>Site Name :</b>		<b>Landowner Name :</b>	Winters
<b>WRIA :</b>	03.0293X	<b>Address :</b>	
<b>Region :</b>	NS	<b>Address2 :</b>	
<b>Trib to :</b>	03.0293A	<b>City :</b>	Day Creek
<b>River Mile :</b>	0.20	<b>State :</b>	WA
<b>River System :</b>	Morgan Cr	<b>Zipcode :</b>	
<b>Legal Description :</b>	SE1/4S30T35NR6E	<b>Phone :</b>	
<b>County :</b>	Skagit		
<b>Habitat Type :</b>	terrace tributary		

#### Directions :

Follow the South Skagit Highway, from the Highway 9 intersect, for approximately 8.5 miles to Mr. and Mrs. Winters driveway on the right. Knock on their door to let them know you are there and park about halfway up their driveway where the old railroad grade is on the left. Hike down grade for approximately 0.1 miles to 03.0293A. Then follow this creek upstream for approximately 0.1 miles to the site.

#### Area Overview :

This is a terrace trib with heavily incised banks on the upper end of the habitat with a 10' drop ending the anadromous zone. It offers a small amount of fair spawning and rearing habitat.

### Field Survey Information

**Date :** 01/15/1998 **Observer :** Olis **Survey Type :** initial

#### HABITAT INFORMATION

**Water Source:** ☐ Spring ☐ Groundwater ☒ Surface runoff

**Flow:** ☒ Intermittent ☐ Year-round

**Estimated Flows (cfs):** Lower end: Pool at entry  
Upper end: 0.1

**Water Temperature(C):** Lower end: 5.5  
Upper end: 5.5

**Receiving Water Temperature (C):** 5.5

#### Other Observations:

**Site Area Measurements:** ☐ Indirect ☒ Direct ☐ Combination  
Widths: Channel: 2m Ponds: Wetlands:  
Depths: Channel: 12cm Ponds: Wetlands:  
Total length (includes ponds and wetlands): 357m

**Total existing habitat area (est. m2):** 713m

<b>Spawning area:</b>	Mainstem: 6	<b>Tribs:</b>	<b>Total:</b>
<b>Impounded area:</b>	Mainstem:	<b>Tribs:</b>	<b>Total:</b>
<b>Other rearing area:</b>	Mainstem: 707	<b>Tribs:</b>	<b>Total:</b>

Spawning habitat conditions: ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

Describe spawning habitat: Consists of 2" to 4" gravel in occasional pockets in the creek but habitat appears shallow and may be only available during prolonged high flows.

Rearing habitat conditions: ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

Describe pond and other rearing habitat: Site is approximately 35% pooled with a fair amount of cover. Substrate varies from silty/sand to gravel and cobble at the upper end. There is a fair amount of woody debris present towards the upper third of the site.

Describe inaccessible habitat:

Wetland type: ☐ Bog ☐ Marsh ☐ Scrub-shrub ☐ Forested

Describe:

Flooding potential: ☐ Low ☒ Medium ☐ High

Describe: Site is out of the Skagit River flood plain but the upper third of the habitat is heavily incised indicating high flows and high potential for blow outs in the past.

#### FISH INFORMATION

Site entry condition: ☐ Poor ☐ Fair ☒ Good

Describe: Pool at entry formed by back pressure from the mainstem.

Coho access and use: Juvenile ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good  
Adult ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Describe: No juveniles or adults were observed during survey but site is accessible to both.

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

Describe: Site is accessible to trout also.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: In the incised section of the creek there are several 1' drops formed from woody debris, making this section difficult for juvenile migration.

#### ATTACHMENTS AVAILABLE

☒ Aerials ☒ Sketch ☒ Maps ☐ Spawning Surveys ☐ Juvenile Trapping  
☐ Other References

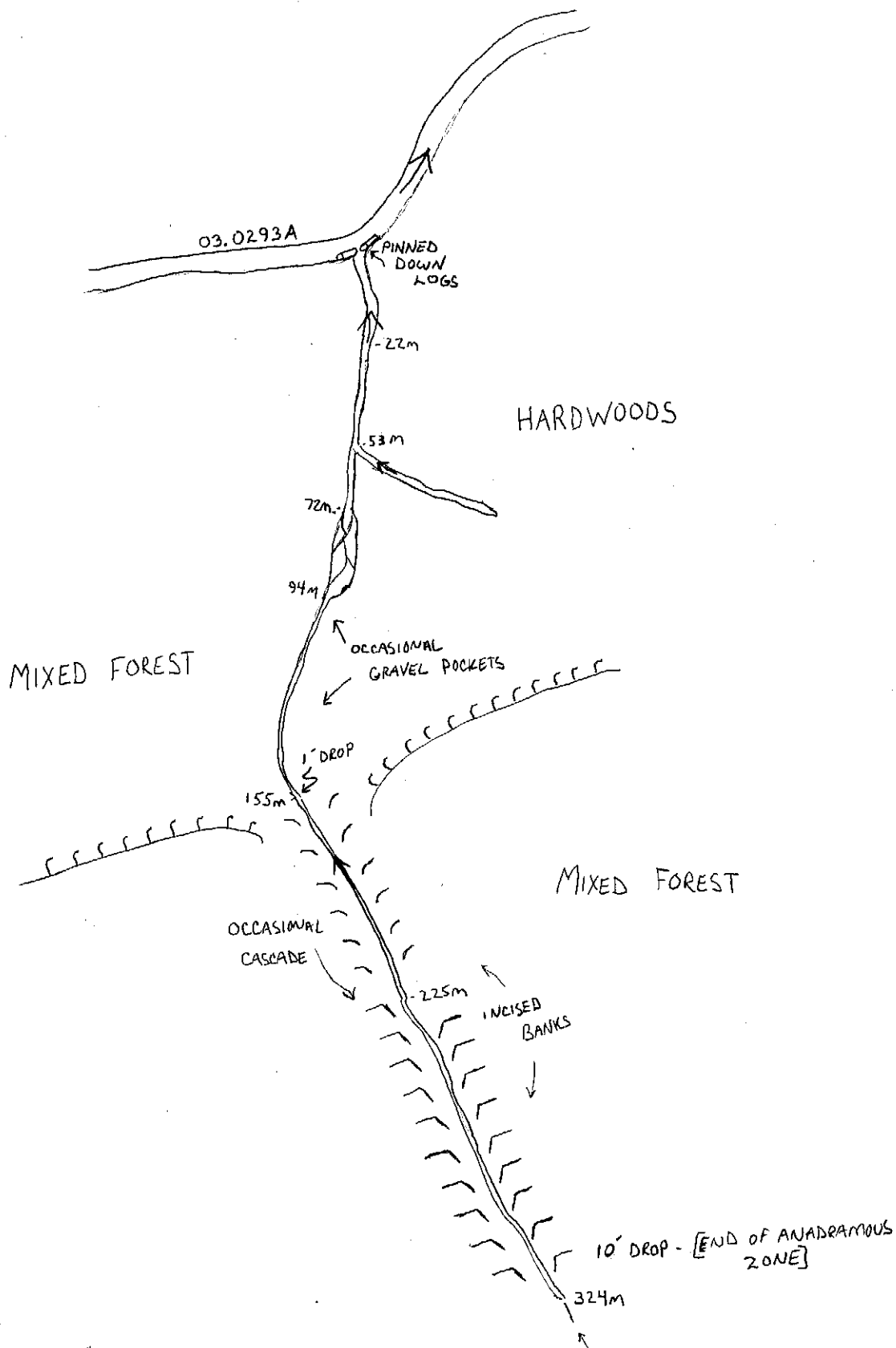
Site id. code: MO1RB4

Site name:

Scale: 1" = 45m

Observer(s): M. OLIS

Legal location: SE 1/4 S30 T35N R6E



567

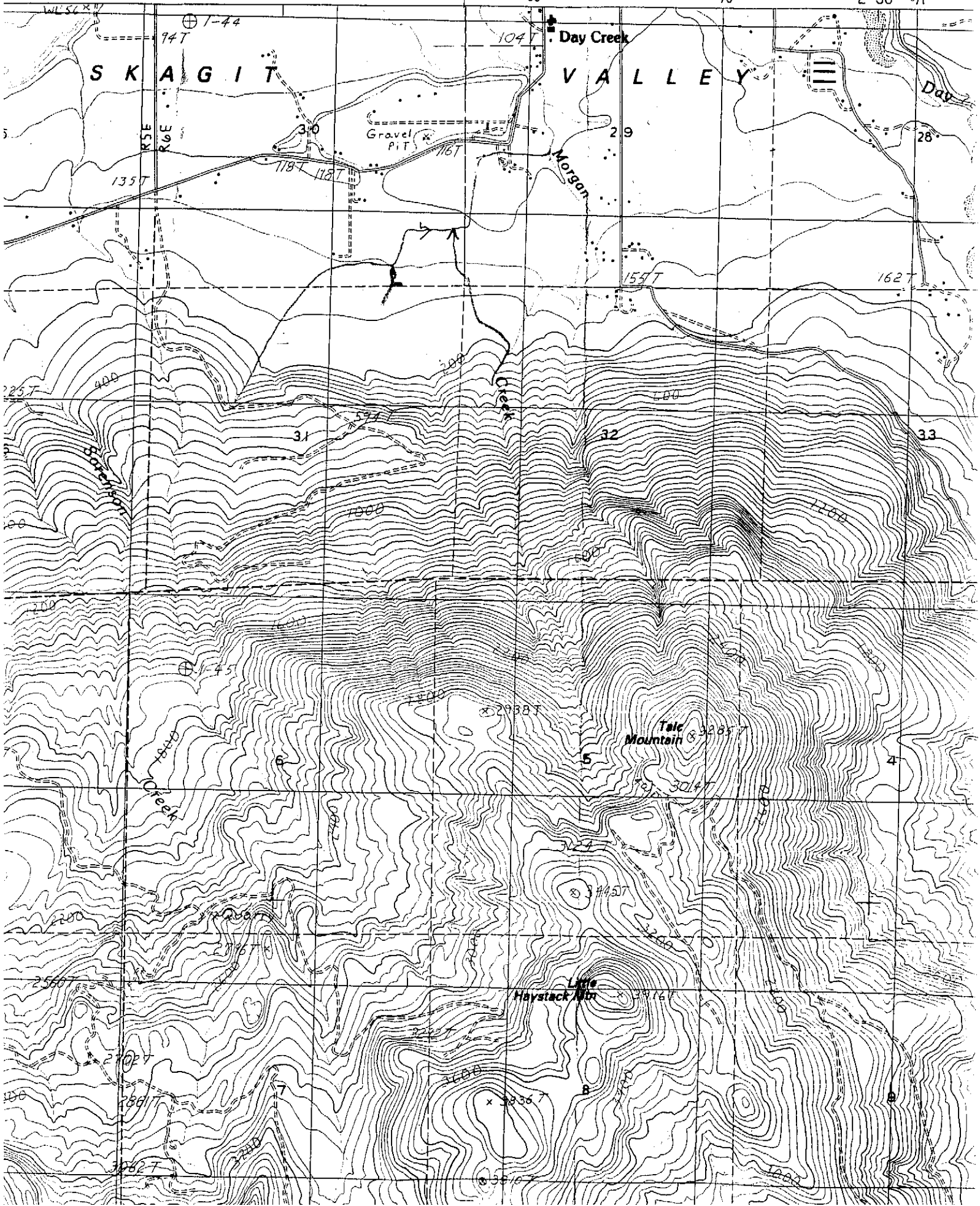
5'

568

569

570

2' 30" 571



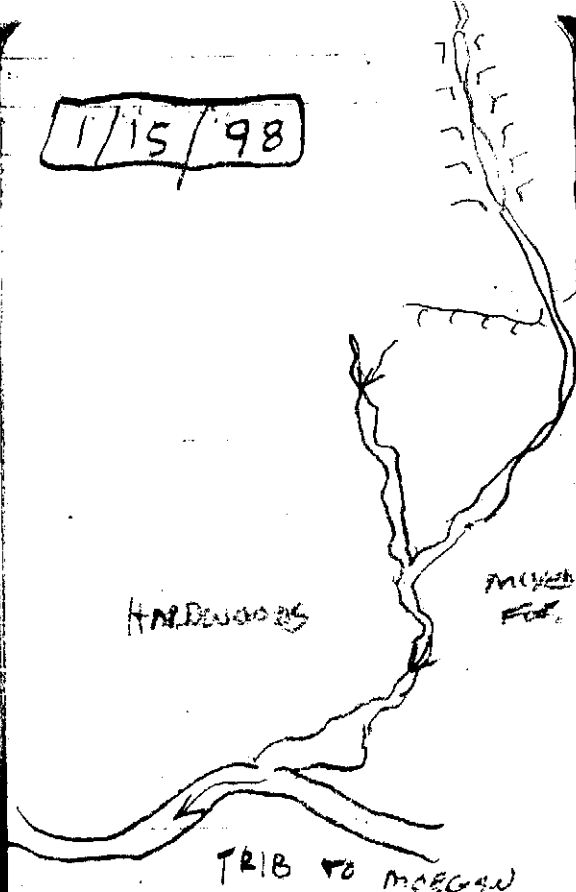
MOIRB4

RM 0.2

SE 1/4 S 30 T 35 N R 6 E

TRIB TO .0293 A

1/15/98



O.O ENTRY

- POOL @ ENTRY  
FORMED BY BACK  
PRESSURE FROM MAINSTEM
- WTE TEMP - 42°
- R WTE TEMP - 42°
- POOL @ ENTRY

22m WW 3m Pool  
- MUDDY, LEAF BOTTOMED

53m WW 2m  
- SHALLOW, SAND BOTTOMED

53m... @ FORK

- LF HAS  $\frac{2}{3}$  OF FLOW.

- CONTINUING UP LF

- 72m - WW 2m  
- MOSTLY POOL

- 94m - WW 6m  
- AREA OF BRAIDED CHANNELS  
- SHALLOW, SILTY/SAND

- 155m WW 1m  
- OCCASIONAL GRAVEL  
POCKETS - 2-4" GR,

155m... 4m<sup>2</sup> SP.  
HAB, BUT SHALLOW.  
- @ ONE FOOT DROP  
POSSIBLE BARRIER  
TO JUVENILES.

225m WW 1m  
- BANKS STARTING TO  
GET INCISED.  
- SOME COBBLE  
SHOWING UP  
- A FEW 1' DROPS

324m WW 2m  
- SHALLOW  
- HEAVILY INCISED  
- @ 10' DROP &...

324m ... BEGINNING  
OF BLOWOUT AREA.  
- END OF HAB  
- TEMP 39.5°

REZEROING ON RF

27m W W 2m

- SHALLOW

- @ FOM

- RF CONTINUES FOR  
10m THAN PETERS  
OUT.

CONTINUING UP LF

43m END OF  
HAB

43m ... WTR GREYS  
OUT AS IT SEEDS  
OUT OF GRAND.  
TEMP. 42°

### Comments

- LITTLE SPAWNING  
HAB
- FAIR READING
- PROB DOES UP  
DURING EXT. LOW FLOOD
- SURFACE & GROUND
- NO FISH SEEN
- LOW FLOOD